Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041520\
Data File : VU037738.D
Acq On : 15 Apr 2020 17:07
Operator : JC/MD
Sample : L2275-24MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQB6MSD

Quant Time: Apr 16 04:45:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	290110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138478	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91851	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.93	69	82002	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.59	63	165808	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.66	46	321691	53.36	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.72%			
24) Chloroform-d	5.10	84	158983	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.74	65	102781	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.76	84	345255	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.72	67	120412	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.92	98	307188	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	8.20	79	51095	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.65	63	290046	50.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.34%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93791	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	117278	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	81762	4.084	ug/L	96
13) Acetone	2.65	43	12229	3.076	ug/L	95
25) Chloroform	5.12	83	16347	0.410	ug/L	90
33) Benzene	5.81	78	414622	4.432	ug/L	100
34) Trichloroethene	6.57	95	100955	4.391	ug/L	98
42) Toluene	7.99	91	447229	4.564	ug/L	99
47) Tetrachloroethene	8.57	164	506283	30.646	ug/L	99
51) Chlorobenzene	9.46	112	272991	4.566	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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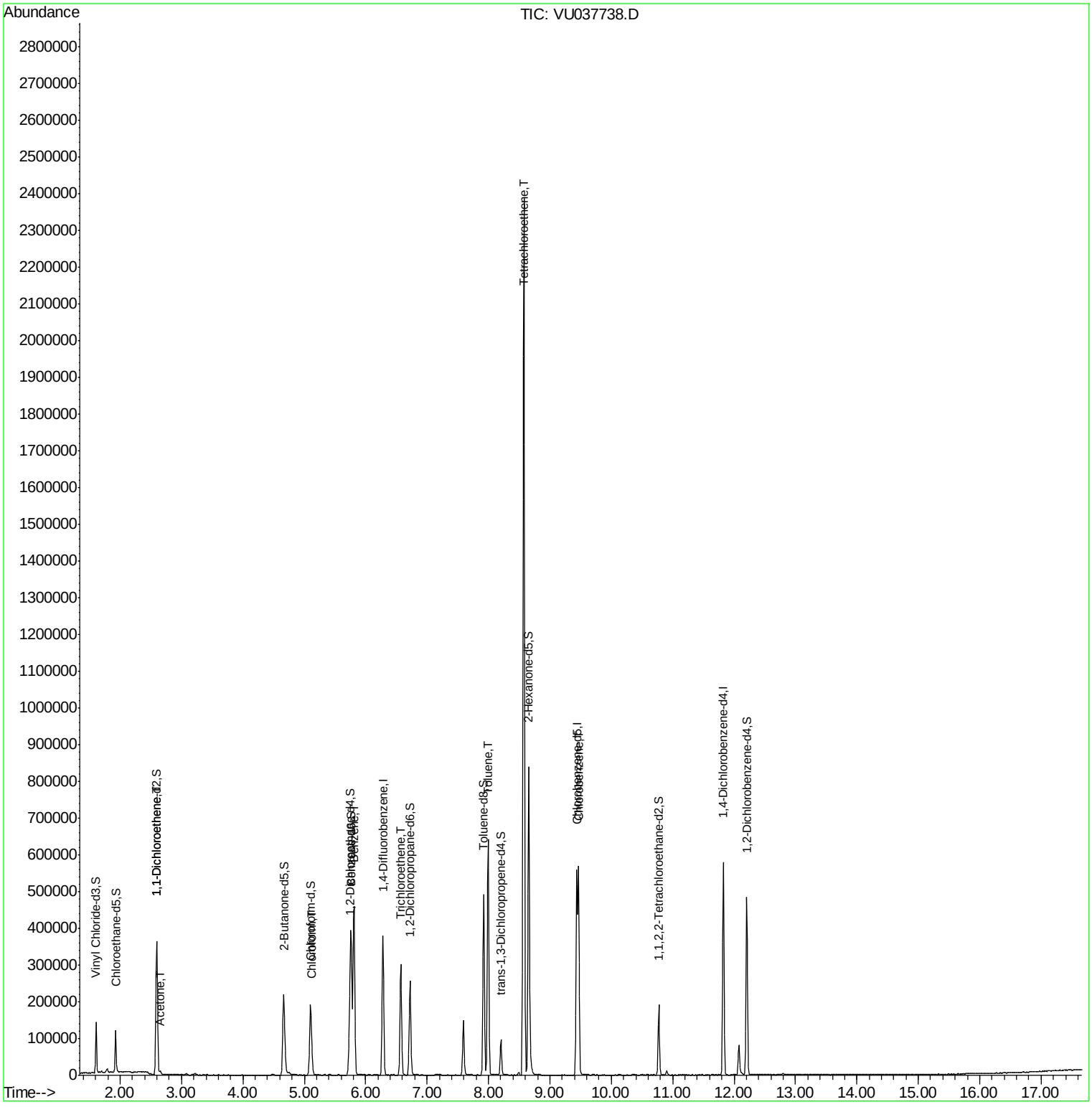
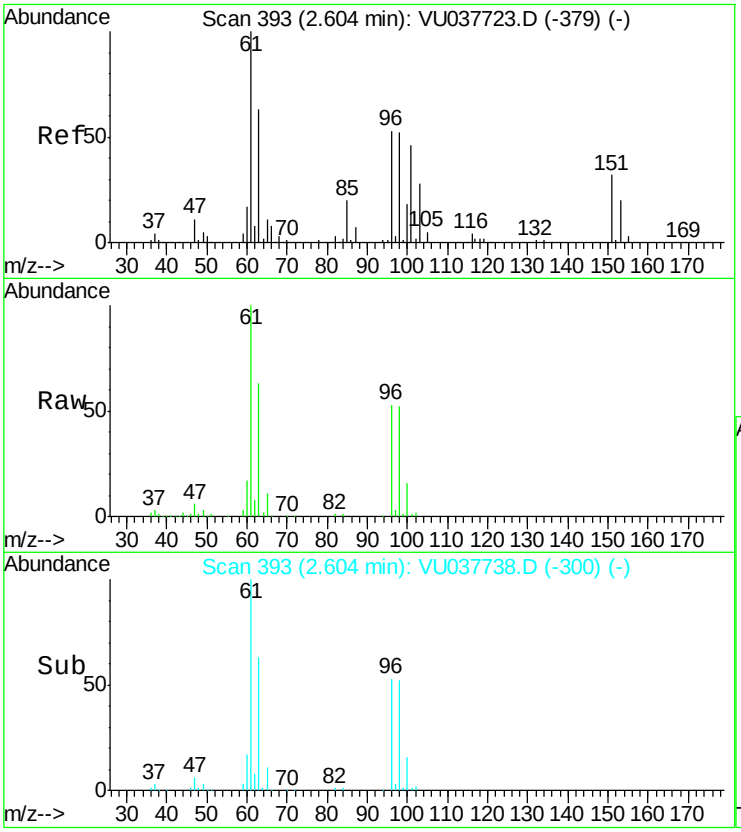


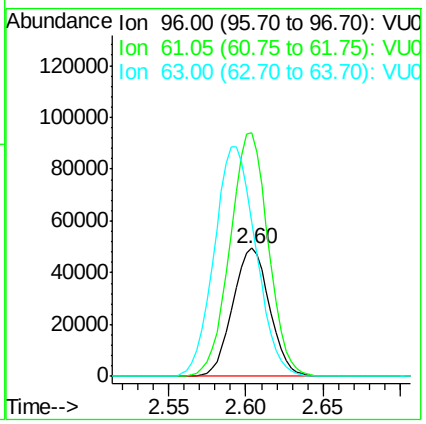


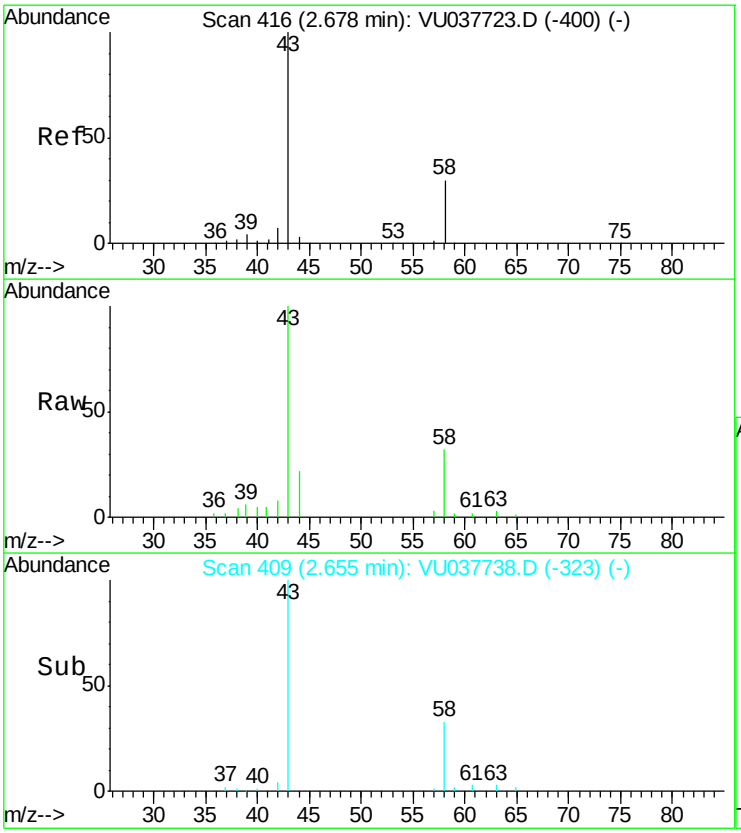
#12
1,1-Dichloroethene
Concen: 4.084 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Instrument : MSVOA_U
ClientSampleId : YAQB6MSD

Tgt Ion: 96 Resp: 81762

Ion	Ratio	Lower	Upper
96	100		
61	190.0	127.7	237.3
63	120.3	85.0	157.8

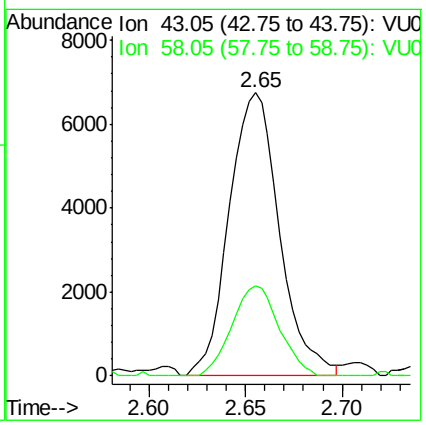


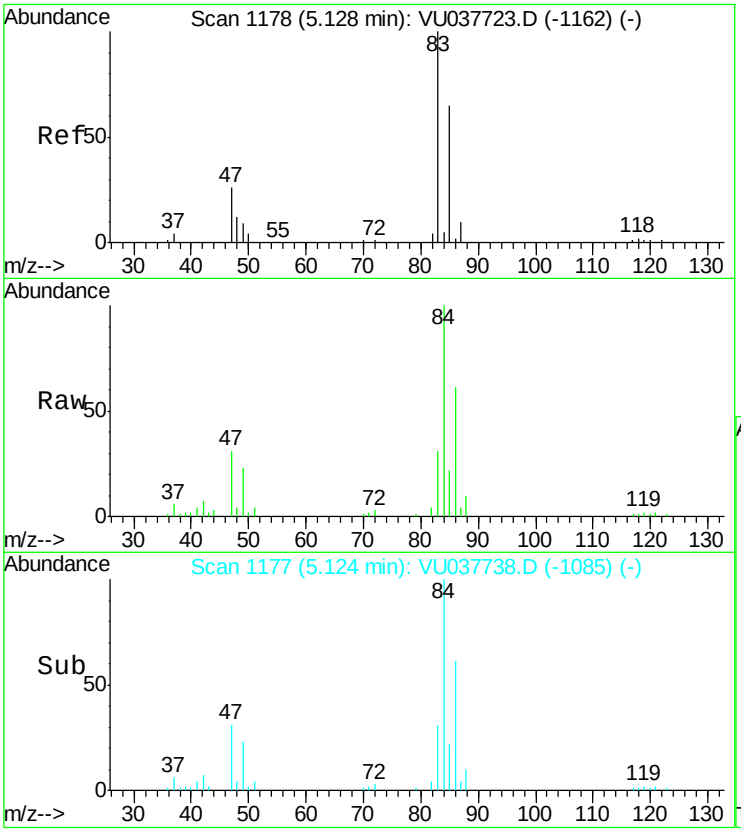


#13
Acetone
Concen: 3.076 ug/L
RT: 2.65 min Scan# 409
Delta R.T. -0.02 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Tgt Ion: 43 Resp: 12229

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	64.8



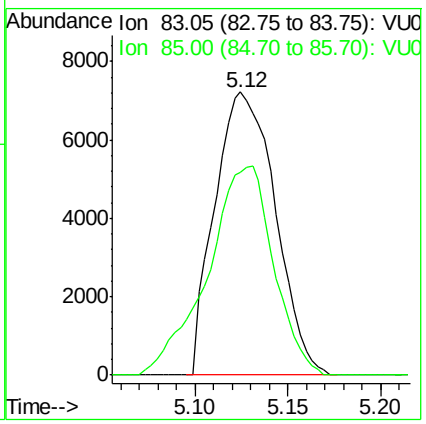


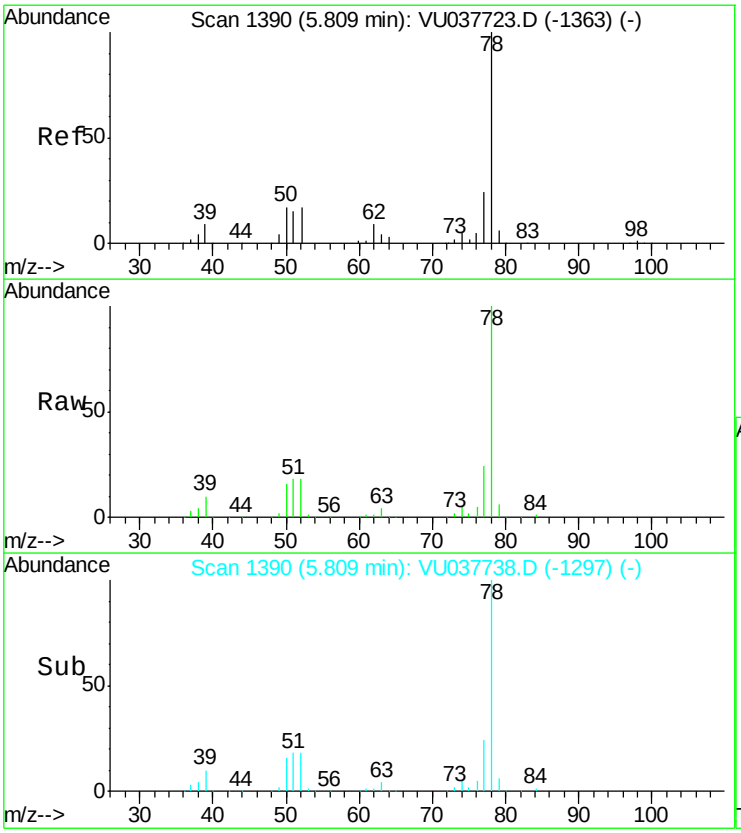
#25
Chloroform
Concen: 0.410 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Instrument :
MSVOA_U
ClientSampleId :
YAQB6MSD

Tgt Ion: 83 Resp: 16347

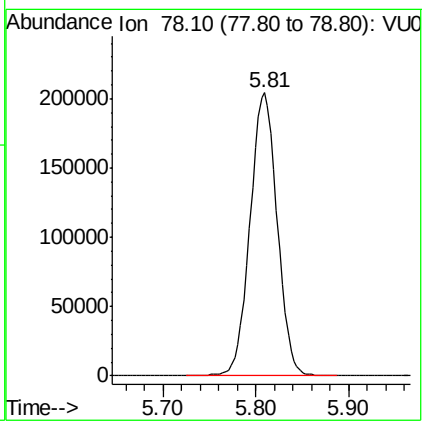
Ion	Ratio	Lower	Upper
83	100		
85	71.8	44.9	83.3

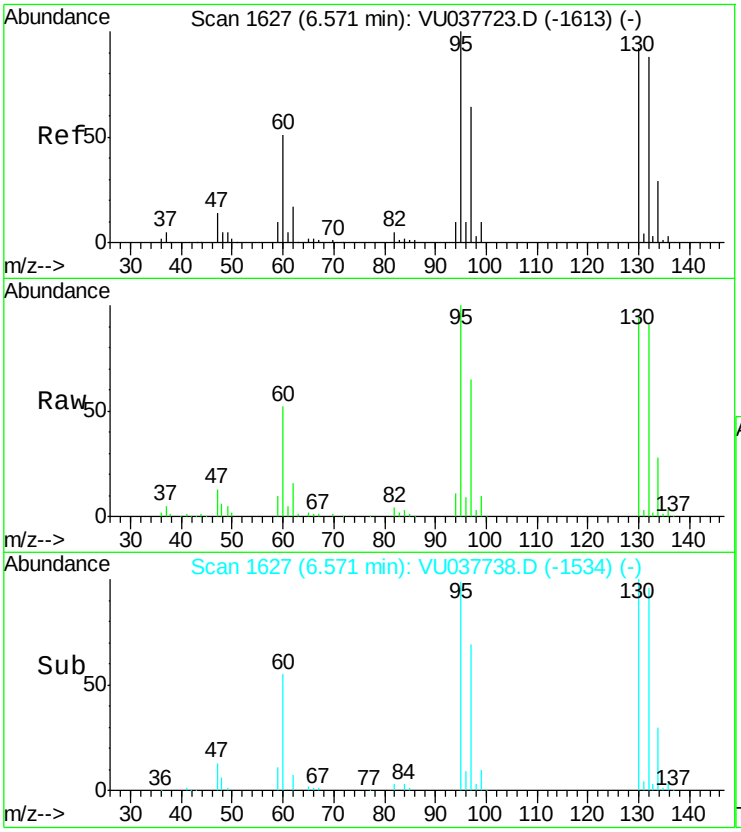




#33
Benzene
Concen: 4.432 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Tgt Ion: 78 Resp: 414622



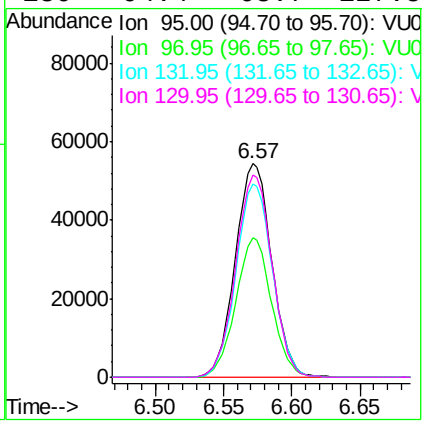


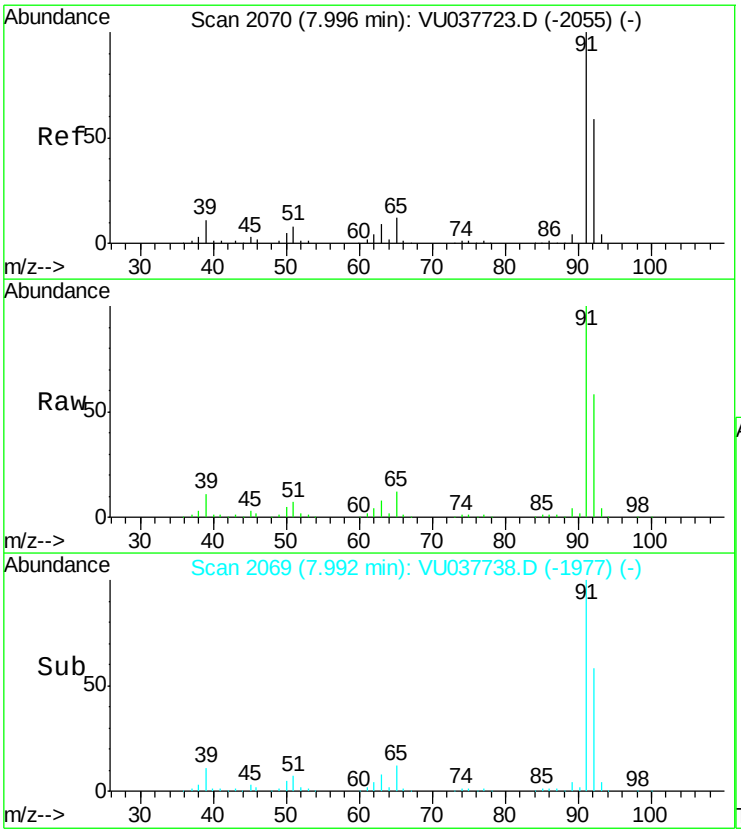
#34
Trichloroethene
Concen: 4.391 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Instrument :
MSVOA_U
ClientSampleId :
YAQB6MSD

Tgt Ion: 95 Resp: 100955

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.2
132	90.7	63.7	118.3
130	94.4	68.7	127.5

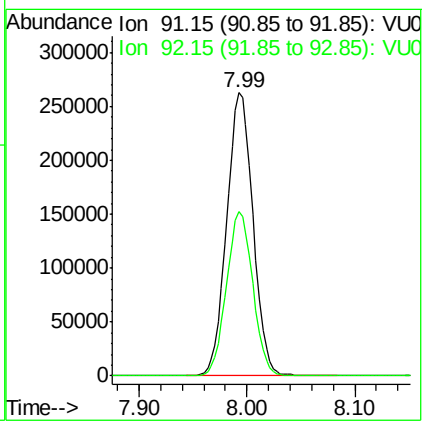


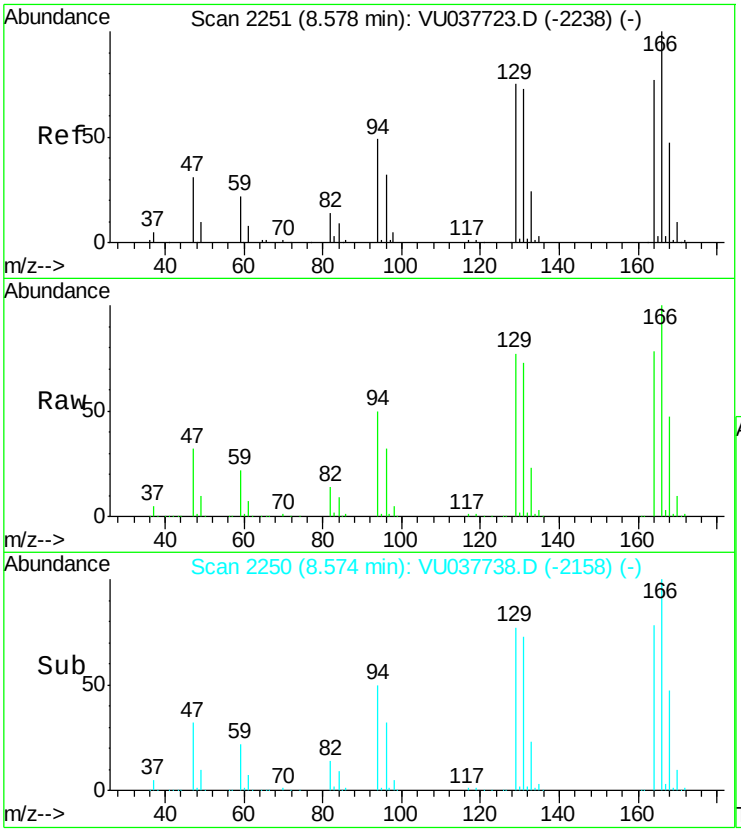


#42
Toluene
Concen: 4.564 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Tgt Ion: 91 Resp: 447229

Ion	Ratio	Lower	Upper
91	100		
92	58.2	41.1	76.3



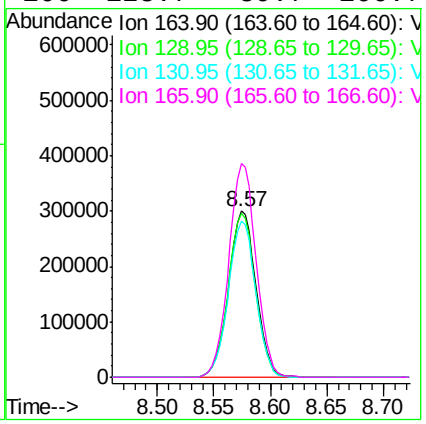


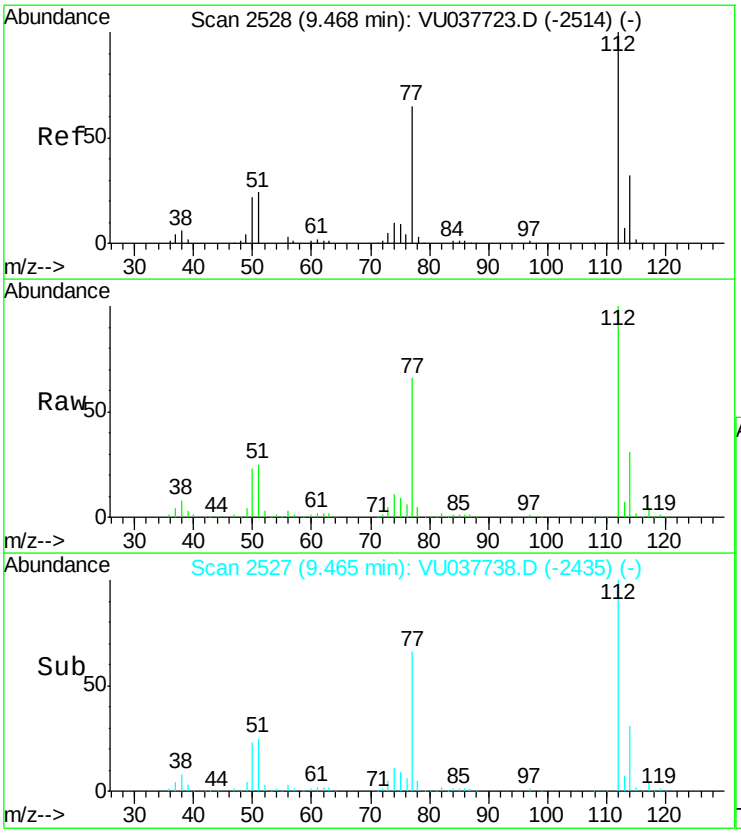
#47
Tetrachloroethene
Concen: 30.646 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Instrument : MSVOA_U
ClientSampleId : YAQB6MSD

Tgt Ion:164 Resp: 506283

Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.1	126.5
131	93.9	65.9	122.5
166	128.7	89.7	166.7





#51
Chlorobenzene
Concen: 4.566 ug/L
RT: 9.46 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU037738.D
Acq: 15 Apr 2020 17:07

Tgt Ion:112 Resp: 272991

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.6	42.0
77	65.9	50.2	75.4